

ABSTRACT

Please add the following abstract:

A process for the production of hydrocarbons from gaseous hydrocarbonaceous feed involving the steps of:

- i) partial oxidation conversion of the gaseous hydrocarbonaceous feed and oxygen containing gas at elevated temperature and pressure into synthesis gas;
- ii) catalytical conversion of synthesis gas of step i) using a cobalt based Fischer-Tropsch catalyst into a hydrocarbons comprising stream;
- iii) separating the hydrocarbons comprising stream of step ii) into a hydrocarbons product stream and a recycle stream; and,
- iv) removing carbon dioxide from the recycle stream and recycle of carbon dioxide depleted recycle stream to step i).